SEVERN TRENT STL

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ANALYTICAL REPORT

PROJECT NO. 142541

Focus/US Filter Westates ULT

Lot #: H6D040101

William Anderson

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921-5947

SEVERN TRENT LABORATORIES, INC.

Kevin S. Woodcock
Project Manager

May 4, 2006

PROJECT NARRATIVE
H6D040101

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Subcontract

The following analyses were performed by Galbraith Laboratory, Inc. 2323 Sycamore Dr. Knoxville, TN 37921: Carbon, Hydrogen, Nitrogen, Oxygen, Sulfur.

Quality Control

Unless otherwise noted, all holding times and QC criteria were met, and the test results shown in this report meet all applicable NELAC requirements.

Sample Data Summary

LABORATORY REPORT

Kevin S Woodcock
Severn Trent Labs
5815 Middlebrook Pike
Knoxville TN 37921

AMENDED REPORT
Date Amended: 06/21/06
Purchase Order #: H6D040101
Original Report Date: 04/20/06
Fax Number: 865-584-4315

SAMPLE ID	LAB ID	ANALYSIS	RESULTS		DUPLICATE(S)	
G-2887-R1-Spent Activated Carbon STL Lot No: H6D040101-001	Y-8435	Carbon	61.29	%	64.63	%
		Hydrogen	4.10	%	3.74	%
		Nitrogen	<0.5	%	<0.5	%
		Oxygen	*		*	
		Sulfur	<0.2	%	<0.2	%
G-2985-R2-Spent Activated Carbon STL Lot No: H6D040101-002	Y-8436	Carbon	67.57	%	63.58	%
		Hydrogen	2.92	%	3.71	%
		Nitrogen	<0.5	%	<0.5	%
		Oxygen	*		*	
		Sulfur	<0.2	%	<0.2	%
G-3068-R3-Spent Activated Carbon STL Lot No: H6D040101-003	Y-8437	Carbon	60.22	%	49.02	%
		Hydrogen	3.90	%	4.52	%
		Nitrogen	<0.5	%	<0.5	%
		Oxygen	*		*	
		Sulfur	<0.2	%	0.25	%

LABORATORY REPORT

Kevin S Woodcock
Severn Trent Labs

Report Date: 06/21/06
Lab ID #: Y-8435-8437

TECHNICAL INFORMATION

The precision demonstrated by the carbon, hydrogen, oxygen and sulfur results for these samples is significantly less than the precision that is typically seen for these samples.

* We regret that we are unable to determine the oxygen due to a matrix interference.

Sulfur standard is whole egg powder, C/N 10991:

Weight	% Sulfur found
29.92 mg	0.4775 %
40.00 mg	0.4781 %
69.82 mg	0.4819 %
100.20 mg	0.4873 %
134.87mg	0.4949 %
164.94 mg	0.5016 %
174.99 mg	0.5064 %

Theory = 0.512 % ± 0.050 %

CHN standard is 2:4 D, C/N 11201:

The weights used to calibrate with are 1.689 mg and 1.806 mg. The instrument automatically calculates factors based on the readings for the calibration standards.

	Theory
Carbon	51.79 %
Hydrogen	5.07 %
Nitrogen	20.14 %

Authorized Release of Data

Shannon G. Augé, Technical Administrator

Quality Assurance Inspector

SGA:yb

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